



THE PORT AUTHORITY  
OF NY & NJ

CONFORMED DRAWING  
02/05/98  
SIGNED AND SEALED  
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ORIGINAL SIGNED & SEALED BY  
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11/17/97	ISSUED FOR BID
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No.	Date	Revision	Approved
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Engineering Department  
Design Division

The  
World  
Trade  
Center

STANDBY POWER  
5 WORLD TRADE CENTER

STRUCTURAL

1 WTC PRIMARY  
FEEDER (FUTURE-NIC)  
PART PLANS

This drawing is subject to conditions in contract.  
All alterations, omissions, deletions and additions  
herein are required to be made by the Port Authority and  
may not be used without its written consent.

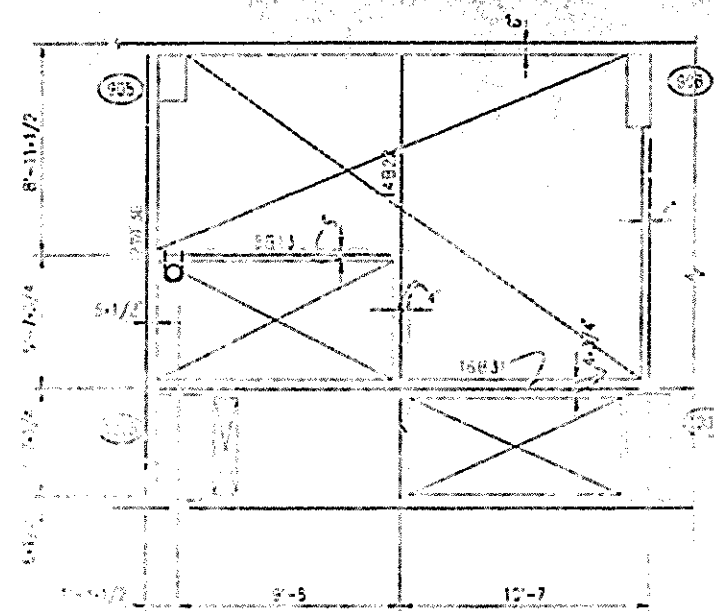
WVS BAZ RZ  
Designed by Drawn by Checked by

Date 11/17/97 Scale AS NOTED

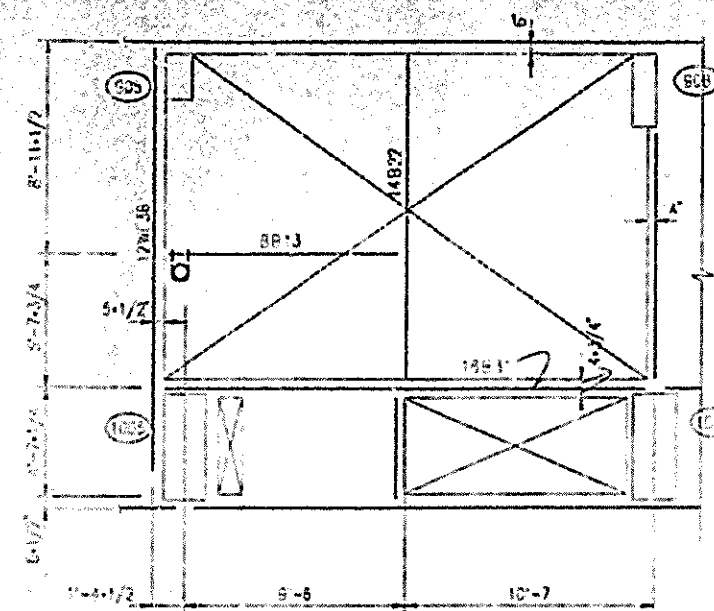
Contract Number WTC-945.071 Drawing Number S5-03

NOTES:

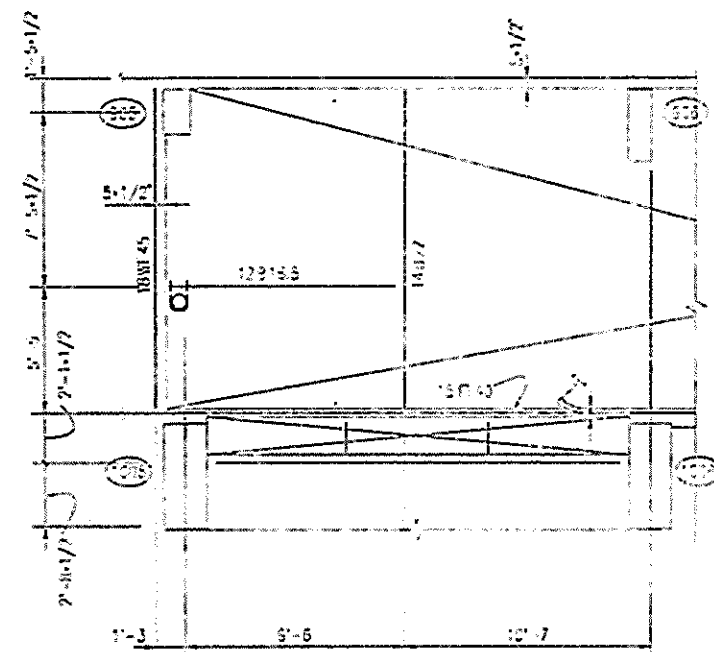
1. THE PRIMARY FEEDER INSTALLATION AT 1 WTC IS A FUTURE INSTALLATION AND IS NOT IN THE CURRENT CONTRACT (NIC). FUTURE INSTALLATION OF THIS WORK WILL BE PAID FOR AT THE NET COST THEREOF. "NET COST" SHALL BE COMPUTED IN THE SAME MANNER AS IS COMPENSATION FOR EXTRA WORK, INCLUDING ANY PERCENTAGE ADDITION TO COST, AS SET FORTH IN THE CLAUSE OF THE CONTRACT PROVIDING COMPENSATION FOR EXTRA WORK. COMPENSATION FOR S&B NET COST WORK SHALL NOT BE CHARGED AGAINST THE TOTAL AMOUNT OF COMPENSATION AUTHORIZED FOR EXTRA WORK.
2. EXISTING FRAMING IS SHOWN FADED.
3. CABLE RUNS STRAIGHT UP FROM THE B1 L. EL. TO FLOOR 41 AND FROM FLOOR 44 TO FLOOR 76. CABLE TRANSITIONS BETWEEN SHAFTS ON FLOORS 41-43. SEE ELECTRICAL DWGS FOR ROUTING.
4. THE WEIGHT OF CONDUIT, INCLUDING THE CABLE, SHALL BE SUPPORTED PROPORTIONALLY AT EACH FLOOR.
5. FRAMING IN SHAFT VARIES; SEE DRAWING S5-05 FOR THE DETAILS OF THE STRUCTURAL STEEL WHICH ACTUAL CONDUIT SUPPORTS CONNECT TO.
6. GRATING AND GRATING SUPPORTS NEED TO BE REINFORCED OR REPLACED FOR THEIR ABILITY TO RECEIVE HOLES FOR THE CONDUIT AND THEIR ABILITY TO SUPPORT THE PULL BOXES AND OTHER SERVICE LOADS. CONTRACTOR NEED VERIFY IN THE FIELD.



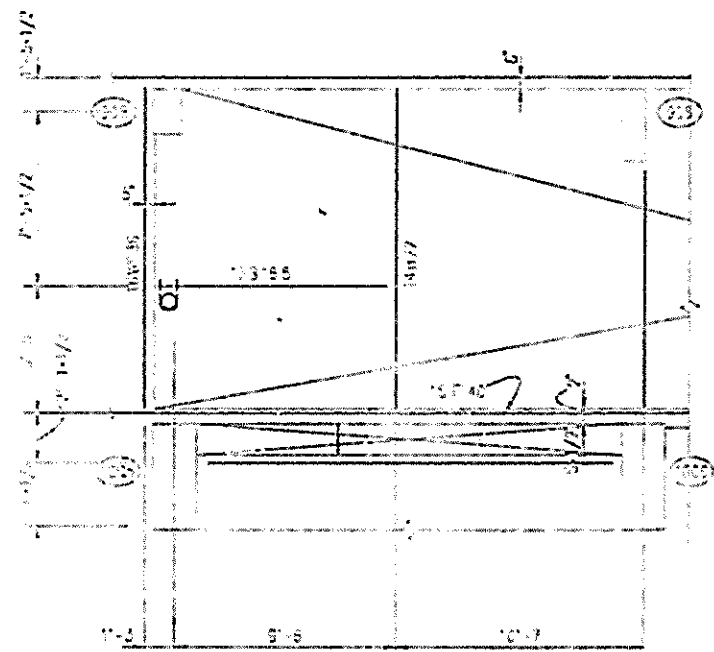
PART PLAN B1 LEVEL  
REF. EL. = 284'-0



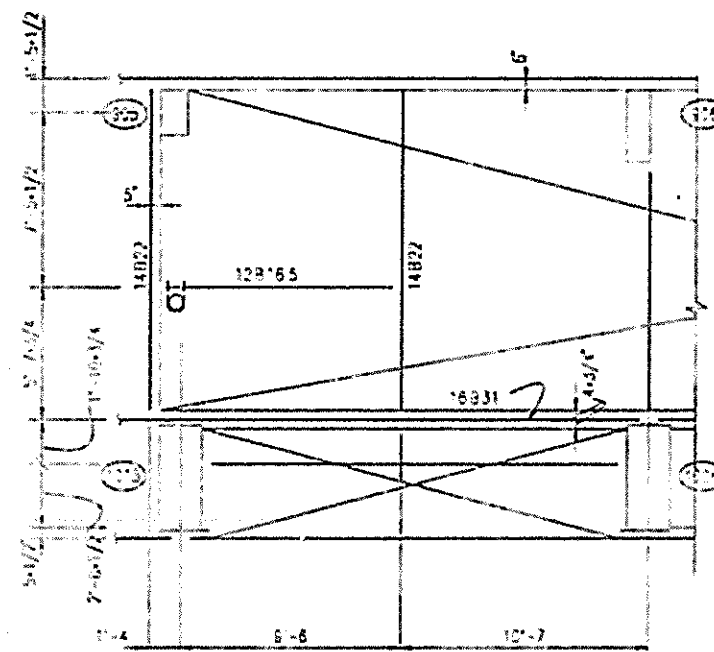
PART PLAN SERVICE LEVEL  
REF. EL. = 294'-0



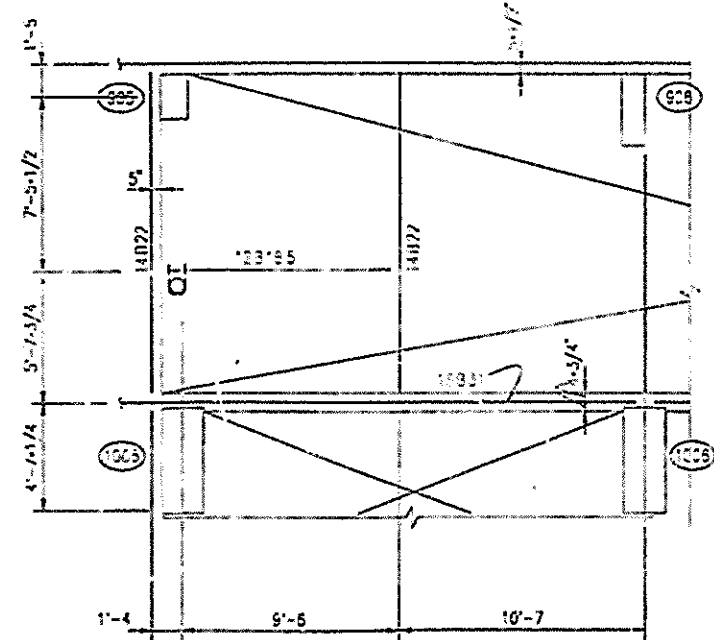
PART PLAN FLOOR 2  
REF. EL. = 332'-0



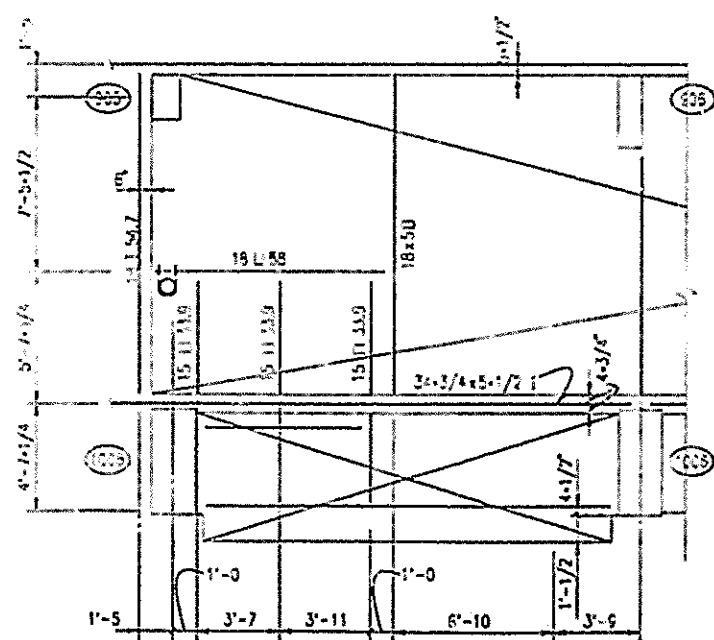
PART PLAN FLOORS 3-6  
REF. EL. FLOOR 3 = 344'-0  
FLOOR 6 = 378'-6



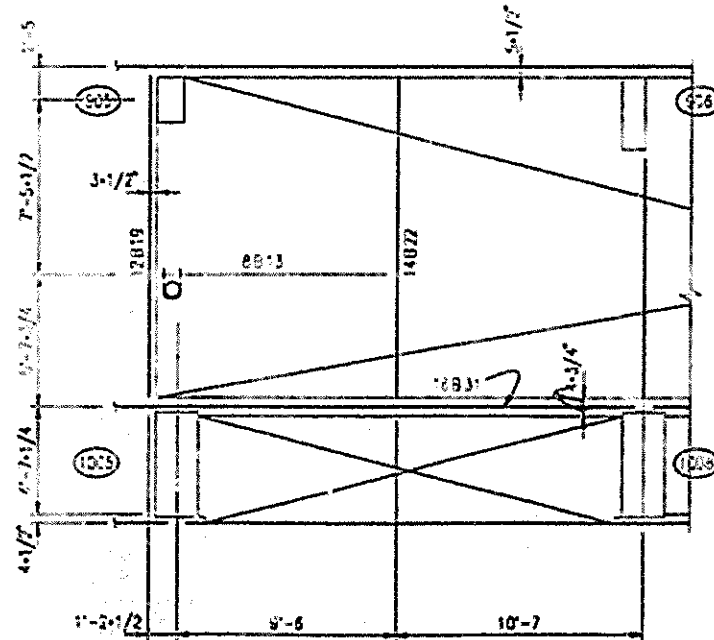
PART PLAN FLOOR 7  
REF. EL. = 390'-0



PART PLAN FLOOR 8  
FLOOR 1 (SIM)  
REF. EL. FLOOR 8 = 402'-0  
REF. EL. FLOOR 1 = 310'-0



PART PLAN FLOOR 9  
REF. EL. = 414'-0



PART PLAN FLOORS 10-40  
REF. EL. FLOOR 10 = 428'-0  
FLOOR 40 = 788'-0

